



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/848,750

DATE: 08/04/2004

TIME: 11:00:18

Input Set : N:\Crif3\RULE60\10848750.raw

Output Set: N:\CRF4\08042004\J848750.raw

ENTERED

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1 <110> APPLICANT: Tagg, et al.
2 <120> TITLE OF INVENTION: Lantibiotic
3 <130> FILE REFERENCE: 512585-2001
4 <140> CURRENT APPLICATION NUMBER: US/10/848,750
5 <141> CURRENT FILING DATE: 2004-05-19
6 <150> PRIOR APPLICATION NUMBER: US/09/913,763
7 <151> PRIOR FILING DATE: 2001-12-21
8 <150> PRIOR APPLICATION NUMBER: NZ 500261
9 <151> PRIOR FILING DATE: 1999-10-12
10 <160> NUMBER OF SEQ ID NOS: 7
11 <170> SOFTWARE: PatentIn version 3.0
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 6
15 <212> TYPE: PRT
16 <213> ORGANISM: Streptococcus salivarius
17 <400> SEQUENCE: 1
18     Gly Gly Gly Val Ile Gln
19     1             5
21 <210> SEQ ID NO: 2
22 <211> LENGTH: 111
23 <212> TYPE: DNA
24 <213> ORGANISM: Streptococcus salivarius
25 <220> FEATURE:
26 <221> NAME/KEY: CDS
27 <222> LOCATION: (37)..(111)
28 <400> SEQUENCE: 2
29     ttgactcttg aagaacttga taacgttctt ggtgct ggt ggt gga gta atc caa           54
30                                     Gly Gly Gly Val Ile Gln
31                                     1             5
32     acc att tca cac gaa tgt cgt atg aac tca tgg cag ttc ttg ttt act           102
33     Thr Ile Ser His Glu Cys Arg Met Asn Ser Trp Gln Phe Leu Phe Thr
34             10             15             20
35     tgt tgc tct
36     Cys Cys Ser
37             25
39 <210> SEQ ID NO: 3
40 <211> LENGTH: 25
41 <212> TYPE: PRT
42 <213> ORGANISM: Streptococcus salivarius
43 <400> SEQUENCE: 3
44     Gly Gly Gly Val Ile Gln Thr Ile Ser His Glu Cys Arg Met Asn Ser
45     1             5             10             15
46     Trp Gln Phe Leu Phe Thr Cys Cys Ser

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47                      20                      25
49 <210> SEQ ID NO: 4
50 <211> LENGTH: 153
51 <212> TYPE: DNA
52 <213> ORGANISM: Streptococcus salivarius
53 <220> FEATURE:
54 <221> NAME/KEY: CDS
55 <222> LOCATION: (88)..(153)
56 <400> SEQUENCE: 4
57      atgattgcc a tga a a a a c t c a a a g a t a t t t t g a a c a a t g c t a t c g a a g a g t t t t c t g a a      60
58      a a g a a c t t a t g g a a g t a g c t g g t g g t a a a a g a g g t a c a g g t t g g t t t g c a a c t      114
59                      Lys Arg Gly Thr Gly Trp Phe Ala Thr
60                      1                      5
61      a t t a c t g a t g a c t g t c c a a a c t c a g t a t t c g t t t g t t g t      153
62      I l e T h r A s p A s p C y s P r o A s n S e r V a l P h e V a l C y s C y s
63      10                      15                      20
65 <210> SEQ ID NO: 5
66 <211> LENGTH: 22
67 <212> TYPE: PRT
68 <213> ORGANISM: Streptococcus salivarius
69 <400> SEQUENCE: 5
70      L y s A r g G l y T h r G l y T r p P h e A l a T h r I l e T h r A s p A s p C y s P r o A s n
71      1                      5                      10                      15
72      S e r V a l P h e V a l C y s C y s
73      20
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 7
77 <212> TYPE: PRT
78 <213> ORGANISM: Streptococcus salivarius
79 <220> FEATURE:
80 <223> OTHER INFORMATION: corresponding probe sequence
81 <400> SEQUENCE: 6
82      S e r T r p G l n P h e L e u P h e T h r
83      1                      5
85 <210> SEQ ID NO: 7
86 <211> LENGTH: 21
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: probe sequence
W--> 91 <221> NAME/KEY: misc_feature
92 <222> LOCATION: (1)..(21)
93 <223> OTHER INFORMATION: 'n' can be any nucleotide 'a','g','c' or 't'; and
94      'r' can be either 'a' or 'g'
W--> 95 <400> 7
W--> 96      t c n t g g c a a t t t t t r t t t a c t      21

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RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:7; N Pos. 3

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10848750.raw

Output Set: N:\CRF4\08042004\J848750.raw

L:91 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:95 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0